



US Army Corps  
of Engineers®

# Public Notice

Public Notice No. 07-33

Date: April 12, 2007

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Nashville District

Application No. 2007-00650

Expire Date: May 11, 2007

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Please address comments to: Nashville District Corps of Engineers,  
Regulatory Branch, 3701 Bell Road, Nashville, TN 37214 (Attn: Lisa Morris)

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**JOINT PUBLIC NOTICE**  
**US ARMY CORPS OF ENGINEERS**  
**TENNESSEE VALLEY AUTHORITY**

**SUBJECT:** Proposed Deposit of Fill Material Associated with Road Construction on Wetlands Adjacent to Tributaries of Shoal Creek Mile 59.0, Lawrence County, TN (Lawrenceburg Bypass- TDOT Project No. 52002-1226-04(A)/ PIN 100309.00)

**TO ALL CONCERNED:** The application described below has been submitted for a Department of the Army (DA) Permit pursuant to **Section 404 of the Clean Water Act** (CWA) and a Tennessee Valley Authority (TVA) permit pursuant to **Section 26a of the TVA Act**. Before a permit can be issued, certification must be provided by the state of Tennessee, Department of Environment and Conservation (TDEC), Division of Water Pollution Control, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards would not be violated.

**APPLICANT:** Tennessee Department of Transportation (TDOT)  
Environmental Division  
Suite 900, James K. Polk Building  
Nashville, TN 37243

**LOCATION:** Wetlands Adjacent to Tributaries of Shoal Creek Mile 59.0 (West Fork Sugar Creek Mile 14.0 and Dry Land Creek Mile 3.0), Lawrence County, TN. USGS Quad - Lawrenceburg, TN. Lat: 35.2060; Lon: 87.3190.

**DESCRIPTION OF PROPOSED WORK:** The applicant proposes to construct 6.5-miles of State Route 15 (Lawrenceburg Bypass) from State Route 6 (US 43) to 0.5 west of the Giles County Line for public use. The proposed project includes the permanent filling of approximately 4.695 acres of wetland, and the temporary

filling of 2.00 acres of wetland for construction/haul roads. The also work involves the construction of eight new culverts, thirteen outfall structures, one stream relocation, and one spring drain box with culvert and one new bridge. TDOT proposes to mitigate the permanent wetland impacts by debiting, at a 4:1 ratio, 18.78 acres from available wetland credits at the Coffee County Wetland Mitigation Bank. For the stream impacts, a total payment of \$407,600.00 is proposed to the In-Lieu Fee Stream Mitigation Program. In addition, TDOT is requesting approval for potential temporary stream crossings (at each site) to be located within existing rights-of-way. A summarized project description is located on pages 4 through 8 of this notice. Specific plans of the work may be obtained by contacting this office or TDOT.

The decision whether to issue a permit would be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision would reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the work, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work would be considered including cumulative effects; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest would include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA. A permit would be granted unless the District Engineer determines it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received would be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the

preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. An Environmental Assessment would be prepared by this office prior to a final decision concerning issuance or denial of the requested DA Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

A coordination letter to TDOT from the US Fish and Wildlife Service (USFWS) dated August 25, 2004, indicated that the proposed construction activities would not adversely affect the following federally endangered\threatened species: gray bad (*Myotis grisescens*), Eggerts's sunflower (*Helianthus eggertii*) and the slackwater darter (*Etheostoma boschungii*). Also a search of the TDEC, Division of Natural Heritage, database on March 7, 2007 indicated no new records of threatened or endangered species within the project impact area. Therefore, based on available information, the proposed work would not destroy or endanger any federally listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and, therefore, initiation of formal consultation procedures with the USFWS is not planned at this time.

In addition to the DA and TVA permits and state water quality certification, other federal, state, and/or local approvals may be required for the proposed work. Any person may request, in writing, within the comment period specified in this notice, that a hearing be held to consider this application. Requests for hearings shall state, with particularity, the reasons for holding a hearing. Written statements received in this office **on or before May 11, 2007**, would become a part of the record and be considered in the determination. Responses to this notice should be directed to the Regulatory Branch, Attn: Lisa Morris, at the above address.

## SUMMARY OF PROPOSED ACTION

From: Sta. 354+80±  
To: Sta. 360+05±

### **Wetland Impact (WTL-1)**

Permanent Impact = 1.751 ac.

Temporary Impact = 0.914 ac.

### **Mitigation**

#### **Temporary wetland Impacts**

The top six to 12 inches of topsoil will be removed and stockpiled until construction is completed. Once construction activities are complete, all temporary wetland impact areas shall be restored to pre-construction conditions. This includes removing haul roads, restoring the site to the original (pre-construction elevation and spreading stockpiled topsoil back over the wetland site. The area of temporary impacts will then be seeded and coved with straw to stabilize the site.

#### **Permanent Impact**

We propose to mitigate the permanent wetland impact by debiting, at a 4:1 ratio, 7.00 acre from available wetland credits at the Coffee County Wetland Mitigation Bank.

#### **Associated impacts**

Sta. 358+29.50

### **New Culvert Construction**

Unnamed tributary to Shoal Creek (STR-1)

Existing open stream = 549± ft.

Proposed transition length at inlet = 30± ft.

Proposed endwall length at inlet = 13± ft.

Proposed 42 inch RCP Length = 382 ft.

Proposed endwall length at outlet = 13± ft.

Proposed transition length outlet = 70± ft. (20± ft. of transition length is rip-rap, 50± ft. is replacement in-kind)

Total proposed structure length = 408± ft.

Total proposed stream length = 508± ft.

#### **Mitigation**

As mitigation for 449± ft. (449± ft. x 1.0) of stream encapsulation / stream loss, we propose a payment of \$ 89,800.00 to the In-Lieu Fee Stream Mitigation Program.

Sta. 355+65 Rt.

### **Outfall Structure**

Unnamed tributary to Shoal Creek (STR-1)

6 ft. flat bottom ditch

Sta. 361+50 Lt.

### **Outfall Structure**

Unnamed tributary to Shoal Creek (STR-1)

2 ft. wide ditch

From: Sta. 361+50±

### **Stream Relocation**

To: Sta. 365+90±

Unnamed tributary to Shoal Creek (STR-1)

Existing open stream length = 252± ft.

Proposed open stream length = 255± ft. (the new channel will be constructed using Type III Flexible Channel Liner)

#### **Mitigation**

As mitigation for 126± ft. (252± ft. x 0.5) of synthetic channel liner, we propose a payment of \$ 25,200.00 to the In-Lieu Fee Stream Mitigation Program.

Longitude 87.3190°, Latitude 35.2060°

(I404 #1)

From: Sta. 620+25  
To: Sta. 627+20

**Wetland Impact (WTL-3)**

Permanent Impact = 2.786 ac.

Temporary Impact = 0.972 ac.

**Mitigation**

**Temporary wetland Impacts**

The top six to 12 inches of topsoil will be removed and stockpiled until construction is completed. Once construction activities are complete, all temporary wetland impact areas shall be restored to pre-construction conditions. This includes removing haul roads, restoring the site to the original (pre-construction elevation and spreading stockpiled topsoil back over the wetland site. The area of temporary impacts will then be seeded and coved with straw to stabilize the site.

**Permanent Impact**

We propose to mitigate the permanent wetland impact by debiting, at a 4:1 ratio, 11.14 acres from available wetland credits at the Coffee County Wetland Mitigation Bank.

**Associated impact**

Sta. 624+90.78

**New Culvert Construction**

Unnamed tributary to Dry Land Creek (STR-8)

Existing open stream impact length = 497± ft.

Proposed transition length at inlet = 30± ft.

Proposed 36 inch RCP length= 223 ft.

Proposed transition length at outlet = 171± ft. ( 40± ft. of transition length is rip-rap, the rest is replacement in-kind)

Total proposed stream length = 424± ft.

**Mitigation**

As mitigation for 296 ft. (296 ft. x 1.0) of stream encapsulation (223 ft.) and length losses (73 ft.), we propose a payment of \$59,200.00 to the In-Lieu Fee Stream Mitigation Program.

Longitude 87.2408°, Latitude 35.2215°

(I404 # 2)

From Sta. 323+30  
To: Sta. 324 +10

**Wetland Impact (WTL-3A)**

Permanent Impact =0.035 ac.

Temporary Impact = 0.109 ac.

**Mitigation**

**Temporary wetland Impacts**

The top six to 12 inches of topsoil will be removed and stockpiled until construction is completed. Once construction activities are complete, all temporary wetland impact areas shall be restored to pre-construction conditions. This includes removing haul roads, restoring the site to the original (pre-construction elevation and spreading stockpiled topsoil back over the wetland site. The area of temporary impacts will then be seeded and coved with straw to stabilize the site.

**Permanent Impact**

We propose to mitigate the permanent wetland impact by debiting, at a 4:1 ratio, 0.14 acres from available wetland credits at the Coffee County Wetland Mitigation Bank.

Longitude 87.3340°, Latitude 35.2051°

(IARAP # A)

Sta. 378+95.00	<p><b><u>New Culvert Construction</u></b>          Unnamed tributary to Shoal Creek (STR-2)          Existing open stream length = 365± ft.          Proposed transition length at inlet = 48 ft. (25± ft. of transition length is rip-rap)          Proposed 48 inch RCP length = 278 ft.          Proposed transition length at outlet = 38 ft. (rip-rap)          Total proposed stream length = 365 ft.  <u>Mitigation</u>          As mitigation for 278± ft. (278± ft. x 1.0) of stream encapsulation we propose a payment of \$ 55,600.00 to the In-Lieu Fee Stream Mitigation Program.</p>
Sta. 378+20 Rt.	<p><u>Associated impact</u>  <b><u>Outfall Structure</u></b>          Unnamed tributary to Shoal Creek (STR-2)          4 ft. wide ditch          Longitude 87.3313°, Latitude 35.2071° (IARAP # 1)</p>
Sta. 379+20	<p><b><u>Spring Drain Box with Culvert</u></b>          Unnamed tributary to Shoal Creek (SPG-2)          Existing open stream length = 70± ft.          Proposed 32 inch x 32 inch spring drain box          Proposed 18" RCP length = 34± ft.          Proposed endwall length at inlet = 10± ft.          Total structure length = 47± ft.          Proposed transition length at outlet = 25± ft.  <u>Associated impact</u></p>
Sta. 379+50	<p><b><u>Outfall Structure</u></b>          Unnamed tributary to Shoal Creek (SPG-2)          2 ft. lat bottom ditch          Longitude 87.3117°, Latitude 35.2065° (GARAP # 1)</p>
Sta. 125+50 (Lanning Road)	<p><b><u>New Culvert Construction</u></b>  <u>Unnamed tributary to Dry Land Creek (STR-6)</u>  <u>Existing open stream length = 171± ft.</u>  <u>Existing structure length = 32± ft.</u>  <u>Total existing stream length= 203± ft.</u>  <u>Proposed transition length at inlet = 80 ft. (20± ft. of transition length is rip-rap)</u>  <u>Proposed endwall length at inlet = 13± ft</u>  <u>Proposed 2 @ 42 inch RCP = 44± ft.</u>  <u>Proposed endwall length at outlet =13± ft.</u>  <u>Proposed transition length at outlet = 95 ft. (25 ± ft. of transition length is rip-rap)</u>  <u>Associated impacts</u></p>
Sta. 125+55 (Lanning Road)	<p><b><u>Outfall Structure</u></b>  <u>Unnamed tributary to Dry Land Creek (STR-5)</u>  <u>"V" shape ditch</u>          Longitude 87.2496°, Latitude 35.2185° (IARAP # 4)</p>
From: Sta. 452+50 Rt. To: Sta. 458+10 Lt.	<p><b><u>New Culvert Construction</u></b>          Unnamed tributary to Shoal Creek (STR-3)          Existing open stream length= 708 ft.</p>

Sta. 454+95.51	<p>Proposed transition length at inlet= 135± ft. (Type III Flexible Channel Liner)</p> <p>Proposed endwall length at inlet = 25± ft.</p> <p>Proposed 42 inch RCP length = 268 ft.</p> <p>Proposed endwall length at outlet = 25± ft.</p> <p>Proposed transition length at outlet = 200± ft. (25± ft. of transition length is rip-rap and the remainder will be constructed with Type III Flexible Channel Liner)</p> <p>Total proposed structure length = 318± ft.</p> <p>Total proposed stream length = 653± ft.</p> <p><u>Mitigation</u></p> <p>As mitigation for 373 ft. (373 ft. x 1.0) of stream encapsulation (318 ft.) / length losses (55 ft.), we propose a payment of \$74,600.00. As mitigation for 19 ft. (25ft. x 0.75) of rip-rap, we propose a payment of \$ 3,800.00. As mitigation for 155± ft. (310± ft. x 0.5) of synthetic channel liner, we propose a payment of \$ 31,000.00. A total payment of \$ 109,400.00 is proposed to the In-Lieu Fee Stream Mitigation Program for this impact.</p>
Sta. 454+00 Rt.	<p><u>Associated impacts</u></p> <p><u>Outfall Structure</u></p> <p>Unnamed tributary to Shoal Creek (STR-3)</p> <p>2 ft. wide ditch</p> <p>From Sta. 455+50 To Sta. 456.75</p> <p><u>Wetland Impact (WTL-2)</u></p> <p>Permanent Impact = 0.121 ac.</p> <p>We propose to mitigate the permanent wetland impact by debiting, at a 4:1 ratio, 0.48 acre from available wetland credits at the Coffee County Wetland Mitigation Bank.</p>
Sta. 456+00 Lt.	<p><u>Outfall Structure</u></p> <p>Unnamed tributary to Shoal Creek (STR-3)</p> <p>4 ft. wide ditch</p> <p>Longitude 87.2851°, Latitude 35.2115° (IARAP #2)</p>
Sta. 537+94.00	<p><b><u>New Bridge Construction</u></b></p> <p>Unnamed tributary to Dry Land Creek (STR-4)</p> <p>Proposed 3 span bridge = 180 ft.</p>
Sta. 535+20± Lt.	<p><u>Associated impact</u></p> <p><b><u>Outfall Structure</u></b></p> <p>Unnamed tributary Dry Land Creek (STR-4)</p> <p>8 ft. wide rip-rap ditch</p> <p>Longitude 87.2643°, Latitude 35.2195° (GARAP # 2)</p>
Sta. 106+85 (Blessing Road)	<p><b><u>New Culvert Construction</u></b></p> <p>Unnamed tributary to Dry Land Creek (STR-4)</p> <p>Proposed 2 @ 38 inch x 24 inch side drain length = 34 ft.</p>
Sta. 107+64 (Blessing Road)	<p><b><u>New Culvert Construction</u></b></p> <p>Unnamed tributary to Dry Land Creek (STR-4)</p> <p>Proposed 2 @ 38 inch x 24 inch side drain length = 24 ft.</p>
Sta. 103+70± Rt. (Blessing Road)	<p><u>Associated impacts</u></p> <p><b><u>Outfall Structure</u></b></p> <p>Unnamed tributary to Shoal Creek (STR-4)</p> <p>"V" shape ditch</p>
Sta. 105+70± Rt.	<p><b><u>Outfall Structure</u></b></p>

(Blessing Rd.)	Unnamed tributary to Shoal Creek (STR-4) "V" shape ditch Longitude 87.2644°, Latitude 35.2188°         (GARAP # 3)
Sta. 562+00.00	<b><u>New Culvert Construction</u></b> Unnamed tributary to Dry Land Creek (STR-5) Existing open stream length = 497 ft. Proposed transition length at inlet = 50 ft. (rip-rap) Proposed 3 @ 12 ft. x 6 ft. length = 287 ft. Proposed transition length at outlet = 105 ft. (45± ft. of transition length is rip-rap) <b><u>Mitigation</u></b> As mitigation for 342 ft. (342 ft. x 1.0) of stream encapsulation (286 ft.) / length losses (56 ft.), we propose a payment of \$68, 400.00 to the In-Lieu Fee Stream Mitigation Program. <b><u>Associated impacts</u></b>
Sta. 560+20 Lt.	<b><u>Outfall Structure</u></b> Unnamed tributary to Dry Land Creek (STR-5) 2 ft. wide ditch
Sta. 563+05 Rt.	<b><u>Outfall Structure</u></b> Unnamed tributary to Dry Land Creek (STR-5) 4 ft. wide ditch
Sta. 563+60 Rt.	<b><u>Outfall Structure</u></b> Unnamed tributary to Dry Land Creek (STR-5) 6 ft. wide ditch Longitude 87.2556°, Latitude 35.2205°         (IARAP # 3)



EXHIBIT A  
FILE NO. 2007-00650  
PN 07-33  
TDOE Lawrenceburg Bypass

LAWRENCEBURG, TN QUADRANGLE 52-NE

APPLICATION BY: ANTHONY MYERS  
TENNESSEE DEPARTMENT OF TRANSPORTATION  
Project # 50002-3238-14  
PIN 100309.00  
SR-15

To: 0.5 Mile West of Giles County Line  
Lawrence County  
Near: Lawrenceburg, Tennessee

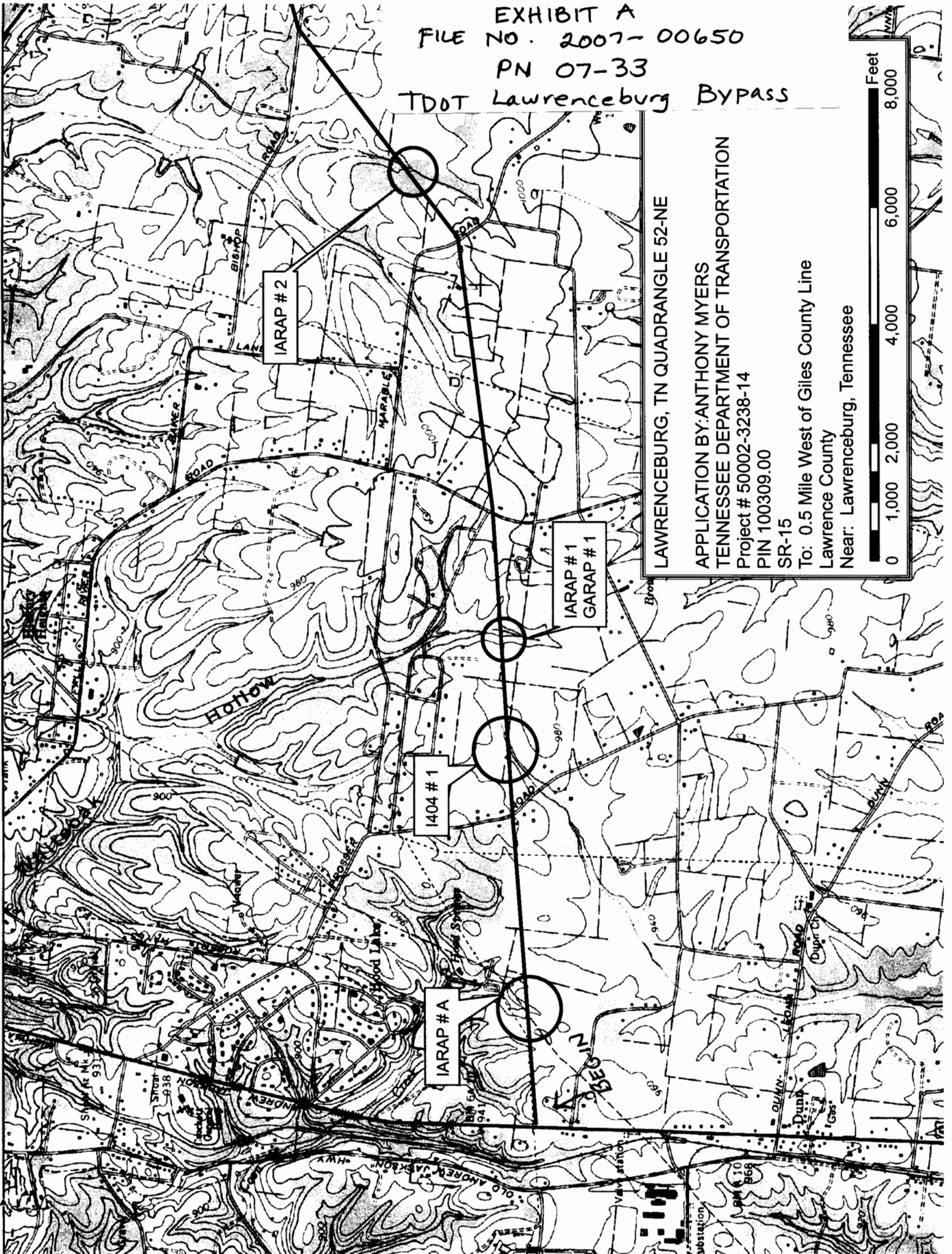


EXHIBIT B  
FILE NO. 2007-00650  
PN 07-33

TDOT Lawrenceburg Bypass



LAWRENCEBURG, TN QUADRANGLE 52-NE

APPLICATION BY: ANTHONY MYERS

TENNESSEE DEPARTMENT OF TRANSPORTATION

Project # 50002-3238-14

PIN 100309.00

SR-15

To: 0.5 Mile West of Giles County Line

Lawrence County

Near: Lawrenceburg, Tennessee

